

INTERNATIONAL SEARCH REPORT

Int

Application No

PCT/FR2004/003157

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| X | AWDUCHE ET AL: "RSVP-TE: Extensions to RSVP for LSP Tunnels" IETF NETWORK WORKING GROUP RFC 3209, December 2001 (2001-12), XP015008988 paragraph '4.4.3.PROCESSING.RRO! paragraph '4.4.RECORD.ROUTE.OBJECT! paragraph '4.4.4 LOOP.DETECTION! | 1-6,21, 25-28,30 |
| Y | ROSEN ET AL.: "Multiprotocol Label switching Architecture RFC3031" IETF NETWORK WORKING GROUP RFC3031, January 2001 (2001-01), XP015008814 page 4, paragraph AVANT.DERNIER page 5, paragraph AVANT.DERNIER paragraph '3.9.THE.LABEL.STACK! page 17, paragraph 5.B paragraph '3.27.4.HIERARCHY.LSP.TUNNELS.WITHIN.LSP! | 1-6,21, 25-28,30 |
| | | -/- |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search

Date of mailing of the international search report

11 March 2005

12/04/2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|-----------------------|
| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | ACHARYA, GRIFFOUL, ANSARI: "IP multicast Support in MLPS networks" IETF NETWORK WORKING GROUP DRAFT, 23 February 1999 (1999-02-23), XP002289485 paragraph '4.1.ASSUMPTIONS! implicit label distribution paragraph '4.2.1.LABEL.ASSIGNEMENT! ----- | 1-6,21, 25-28,30 |
| A | STOICA, ZHANG, VENKITARAMAN, MYSORE: "Per Hop Behaviors Based on Dynamic Packet State" IETF DRAFT, October 2002 (2002-10), XP002289486 abstract paragraph '4.CARRYING.STATE.NI.PACKETS! | 1,16,21, 25,30 |
| A | CLERGET A ET AL: "TUF : tag-based unified fairness" PROCEEDINGS IEEE INFOCOM 2001. THE CONFERENCE ON COMPUTER COMMUNICATIONS. 20TH. ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. ANCHORAGE, AK, APRIL 22 - 26, 2001, PROCEEDINGS IEEE INFOCOM. THE CONFERENCE ON COMPUTER COMMUNI, vol. VOL. 1 OF 3. CONF. 20, 22 April 2001 (2001-04-22), pages 498-507, XP010538731 ISBN: 0-7803-7016-3 paragraph 'C.OVERVIEW!; figure 12 ----- | 1,16,21, 25,30 |

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